

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: 1/3/07 Signature: Maura A. Gallagher  
(Maura A. Gallagher)

Docket No.: BBNT-P01-199  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent Application of:  
Colbath et al.

Application No.: 10/685,479

Confirmation No.: 5448

Filed: October 16, 2003

Art Unit: 2161

For: SYSTEMS AND METHODS FOR  
LABELING CLUSTERS OF DOCUMENTS

Examiner: M. M. Pyo

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Supplemental Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith copies of foreign patents in accordance with 37 CFR 1.98(a)(2).

01/09/2007 AWONDAF1 00000015 181945 10685479

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In accordance with 37 CFR 1.97(g), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Supplemental Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Supplemental Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Please charge our Deposit Account No. 18-1945 in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. BBNT-P01-199. A duplicate copy of this paper is enclosed.

Dated: January 3, 2007

Respectfully submitted,

By   
Annika K. Imbrie, Ph.D.

Registration No.: 58,719  
FISH & NEAVE IP GROUP, ROPES & GRAY  
LLP  
One International Place  
Boston, Massachusetts 02110-2624  
(617) 951-7000  
(617) 951-7050 (Fax)  
Attorneys/Agents For Applicant



PTO/SB/08a/b (07-06)

Approved for use through 09/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>			
		Application Number	10/685,479		
		Filing Date	October 16, 2003		
		First Named Inventor	Sean Colbath		
		Art Unit	2161		
		Examiner Name	M.M. Pyo		
Sheet	1	of	2	Attorney Docket Number	BBNT-P01-199

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA*	US-20010026377-A1	10-04-2001	Ikegami	
	AB*	US-20010051984-A1	05-20-2003	FUKASAWA	
	AC*	US-20020010916-A1	12-03-2002	Thong et al.	
	AD*	US-20020059204-A1	05-16-2002	Harris	
	AE*	US-20020184373-A1	12-05-2002	Maes	
	AF*	US-20030051214	03-13-2003	Graham et al	
	AG*	US-20030093580-A1	05-15-2003	McGee et al.	
	AH*	US-20030167163-A1	09-04-2003	Glover et al.	
	AI*	US-20040073444-A1	04-15-2004	Peh et al.	
	AJ*	US-20050060162-A1	03-17-2005	Mohit et al.	
	AK*	US-4,879,648	11-07-1989	Cochran et al.	
	AL*	US-4,908,866	03-13-1990	Goldwasser et al	
	AM*	US-5,317,732	05-31-1994	Gerlach, Jr. et al.	
	AN*	US-5,404,295	04-04-1995	Katz et al	
	AO*	US-5,544,257	08-06-1996	Bellegarda et al	
	AP*	US-5,572,728	11-05-1996	Tada et al	
	AQ*	US-5,684,924	11-04-1997	Stanley et al	
	AR*	US-5,715,367	02-03-1998	Gillick et al	
	AS*	US-5,752,021	05-12-1998	Nakatsuyama et al.	
	AT*	US-5,757,960	05-26-1998	Murdock et al	
	AU*	US-5,768,607	06-16-1998	Drews et al	
	AV*	US-5,777,614	07-07-1998	Ando et al	
	AW*	US-5,787,198	07-28-1998	Agazzi et al	
	AX*	US-5,835,667	11-10-1998	Wactlar et al	
	AY*	US-5,862,259	01-19-1999	Bokser et al	
	AZ*	US-5,875,108	02-23-1999	Hoffberg et al	
	AA1*	US-5,970,473	10-19-1999	Gerszberg et al	
	AB1*	US-6,006,221	12-21-1999	Liddy et al.	
	AC1*	US-6,029,124	02-22-2000	Gillick et al	
	AD1*	US-6,029,195	02-22-2000	Herz, Frederick S.M.	
	AE1*	US-6,052,657	04-18-2000	Yamron et al	
	AF1*	US-6,064,963	05-16-2000	Gainsboro, Jay L.	
	AG1*	US-6,088,669	07-11-2000	Mayes	
	AH1*	US-6,112,172	08-29-2000	True et al	
	AI1*	US-6,151,598	11-21-2000	Shaw et al.	
	AJ1*	US-6,169,789	01-02-2001	Rao et al	
	AK1*	US-6,219,640	04-17-2001	Basu et al	
	AL1*	US-6,332,139	12-18-2001	Kaneko et al	
	AM1*	US-6,373,985	04-16-2002	Hu et al	
	AN1*	US-6,381,640-B1	04-30-2002	Powers et al	
	AO1*	US-6,437,818-B1	08-20-2002	Lauwers et al	
	AP1*	US-6,480,826	11-12-2002	Petrushin, Valery A.	
	AQ1*	US-6,602,300-A1	08-05-2003	Ushioda et al.	
	AR1*	US-6,604,110	08-05-2003	Savage et al.	
	AS1*	US-6,647,383	11-11-2003	August et al	

Examiner Signature		Date Considered	
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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/685,479
				Filing Date	October 16, 2003
				First Named Inventor	Sean Colbath
				Art Unit	2161
				Examiner Name	M.M. Pyo
Sheet	2	of	2	Attorney Docket Number	BBNT-P01-199

	AT1*	US-6,654,735	11-25-2003	Eichstaedt et al	
	AU1*	US-6,847,961	01-25-2005	Silverbrook et al	
	AV1*	US-6,922,691-A1	07-26-2005	Flank	
	AW1*	US-6,961,954	11-01-2005	Maybury et al.	
	AX1*	US-6,973,428-A1	12-06-2005	Boguraev et al.	
	AY1*	US-6,978,277-A1	12-20-2005	Reed et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	EP-0664636	07-26-1995	IBM		
	BB	EP-0715298	06-09-2000	IBM		
	BC	EP-0935378	08-11-1999	IBM		
	BD	EP-1079313	02-28-2001	Digitake Software Systems Limited		
	BE	EP-1103952	05-30-2001	Matsushita Electric Industrial		
	BF	EP-1176493	01-30-2002	Pathuel, Jan		
	BG	WO-99/17235	04-08-1999	AT&T		
	BH	WO-00/59223	10-05-2000	Tivo, Inc.		
	BI	WO-02/29612	04-11-2002	Intel Corporation		
	BJ	WO-02/29614	04-11-2002	Intel Corporation		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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<b>Effective on 12/08/2004.</b> Pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).		<b>Complete if Known</b>	
<b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		Application Number	10/685,479
		Filing Date	October 16, 2003
		First Named Inventor	Sean Colbath
		Examiner Name	M. M. Pyo
		Art Unit	2161
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No.	BBNT-P01-199
<b>TOTAL AMOUNT OF PAYMENT</b>		<b>(\$)</b>	<b>180.00</b>

**METHOD OF PAYMENT (check all that apply)**

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 18-1945 Deposit Account Name: Fish & Neave IP Group, Ropes & Gray LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
$\text{HP} = \text{highest number of total claims paid for, if greater than 20.}$						
<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>			
$\text{HP} = \text{highest number of independent claims paid for, if greater than 3.}$						

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
$\text{HP} - 100 = \text{ } / 50 \text{ (round up to a whole number)} \times \text{ } = \text{ }$				

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement 180.00

**SUBMITTED BY**

Signature	<u>Annik K. Imbrie</u>	Registration No. (Attorney/Agent)	<u>58,719</u>	Telephone	<u>(617) 951-7682</u>
Name (Print/Type)	<u>Annik K. Imbrie, Ph.D.</u>	Date	<u>January 3, 2007</u>		

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: 1/3/07

Signature: Maura A. Gallagher (Maura A. Gallagher)